

a sensor located on at least one of the pair of control pedals, the sensor sensing the movement of the second support member relative to the first support member; and

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a controller member in communication with the sensor to receive signals from the sensor, wherein the controller member is adapted to stop the motor when signals from the sensor indicate that the second support member is not moving relative to the first member;

wherein the sensor is located away from the motor and near the adjustment member.

7. (amended) The control pedal assembly as claimed in claim 1, further comprising, in combination:

a second sensor located on the other of the pair of control pedals and located away from the motor, the controller member is adapted to determine the position of each of the pair of control pedals based on signals from the sensors to automatically stop the motor when a predetermined fore-aft relationship between the one and other of the pair of control pedals has not been maintained.

Q2
8. (amended) A control pedal assembly comprising, in combination:

first and second control pedals, each control pedal comprising a first support, a screw secured to the first support, a nut threadably engaging the screw and adapted to axially move along the screw upon rotation of the screw, and a second support operatively connected to the nut for fore-aft movement of the second support relative to the first support upon axial movement of the nut along the screw; and

a control system including at least one motor operatively connected to the screws to selectively rotate the screws and axially move the nuts along the screws, a rotational sensor carried by one of the first control pedal and the second control pedal, and a controller in communication with the sensor to receive signals from the sensor;

wherein the rotational sensor is located away from the motor and near the screw.

Q3
10. (amended) A control pedal comprising, in combination:

a first support;

a screw secured to the first support;

a nut threadably engaging the screw and adapted to move axially along the screw upon rotation of the screw;

a motor operatively connected to the screw to selectively rotate the screw;

a second support operatively connected to the nut for fore-aft movement of the second support relative to the first support upon axial movement of the nut along the screw; and

a control system including a sensor adjacent one of the first support and the second support, to sense movement of the second support relative to the first support and a controller in communication with the sensor to receive signals from the sensor;

wherein the sensor is spaced-apart from the motor.

17. (amended) The control pedal according to claim 10, wherein the sensor senses rotation of the screw.

20. (amended) The control pedal according to claim 19, wherein the sensor is a rotational sensor and is located near one of the first support and the second support to sense relative rotational movement therebetween.

21. (amended) A control pedal assembly comprising, in combination:

first and second control pedals, each control pedal including a first support, a screw secured to the first support, a nut threadably engaging the screw and adapted to axially move along the screw upon rotation of the screw, and a second support operatively connected to the nut for fore-aft movement of the second support relative to the first support upon axial movement of the nut along the screw; and

a control system including at least one motor operatively connected to the screw on one of the first support and the second support to selectively rotate the screw and axially move the nut along the screw, at least one sensor carried by one of the first control pedal and the second control pedal to sense rotation of the screw of one of the first control pedal and the second control pedal, and a controller in communication with the sensor to receive signals from the sensor;